

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	22691	(370/203,208,209,295,307,310,329,335,342,343,431,464,478-480,491,536-537). CCLS.	US-PGPUB; USPAT	OR	OFF	2011/02/03 17:46
S2	137	subband same vector same (pilot or train\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S3	25	S2 and S1	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S4	22691	(370/203,208,209,295,307,310,329,335,342,343,431,464,478-480,491,536-537). CCLS.	US-PGPUB; USPAT	OR	OFF	2011/02/03 17:46
S5	196	steer\$3 or beamform\$3 or spatial\$5) near2 (vector\$1) with (subband\$1 or sub-band\$1 or subchannel\$1 or sub-channel\$1 or subcarrier\$1 or sub-carrier\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S6	24	S4 and S5	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S7	109081	(vector or steer\$3 or beam\$7 or direction\$5) with (subband or band)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S8	97	S7 same (pilot or train\$3) and S4	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S9	8	(steer\$3 or beamform\$3 or spatial\$5) near2 (vector\$1) with (pilot\$1) with (data\$1) with (subband\$1 or sub-band\$1 or subchannel\$1 or sub-channel\$1 or subcarrier\$1 or sub-carrier\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46

S10	2803	(symbol same (pilot or training) same (band or subband))	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S11	585	S10 and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S12	86	S11 and (steer\$3 near5 vector)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S13	86	S12 and S11	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S14	2803	(symbol same (pilot or training) same (band or subband))	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S15	585	S14 and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S16	86	S15 and (steer\$3 near5 vector)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:46
S17	86	S16 and S15	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S18	9601	subband	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S19	137	subband same vector same (pilot or train\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S20	22691	(370/203,208,209,295,307,310,329,335,342,343,431,464,478-480,491,536-537). CCLS.	US-PGPUB; USPAT	OR	OFF	2011/02/03 17:47

S21	25	S19 and S20	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S22	109081	(vector or steer\$3 or beam\$7 or direction\$5) with (subband or band)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S23	906	S22 and S20	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S24	97	S22 same (pilot or train\$3) and S20	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S25	26	(steer\$3 near5 vector) near10 (unknown or known\$3 or visible or inform\$3) near10 (recv\$3 or destination\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S26	21	(differ\$3 with steer\$3 near3 vector\$1 with subband)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S27	232	(steer\$3 near3 vector\$1) with (phase or offset)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S28	61	(steer\$3 near3 vector\$1) with (phase or offset) with antenna\$1	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S29	52	(steer\$3 near3 vector\$1) with subband	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S30	165	steer\$3 near3 vector\$1) with transmit\$4 with recv\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47

S31	24	(different or plural\$3 or varied or variable) near10 (steer\$3 near3 vector\$1) with (band or subband)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S32	38	(steer\$3 near3 vector\$1) with data symbol	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S33	7219	(encod\$3 or cod\$3) with symbols with interleav\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S34	858	(encod\$3 or cod\$3) with data symbols with interleav\$3 with map\$4	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S35	22691	(370/203,208,209,295,307,310,329,335,342,343,431,464,478-480,491,536-537). CCLS.	US-PGPUB; USPAT	OR	OFF 17:47	2011/02/03
S36	162	S34 and S35	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S37	24	(encod\$3 or cod\$3) with data symbols with interleav\$3 with map\$4 with block	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S38	75	symbol\$1 with subband\$1 with period\$1 with vector\$1	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S39	255	(steer\$3 near3 vector\$1) with (correlat\$3 or relat\$3 or "near"\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S40	198	(steer\$3 vector\$1) with (correlat\$3 or relat\$3 or "near"\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S41	163	(steer\$3 vector\$1) near10 (correlat\$3 or relat\$3 or "near"\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03

S42	100	(steer\$3 vector\$1) near10 (correlat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S43	11	(steer\$3 vector\$1) near10 (correlat\$3) near10 (low\$3 or minimal or small\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S44	109	(steer\$3 vector\$1) near10 (\$2correlat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S45	9	S44 not S42	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S46	127	(steer\$3 vector\$1) with (\$2correlat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S47	107	(steer\$3 vector\$1) near10 (orthogonal\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S48	74	(steer\$3 or beamform\$3 or spatial\$5) with (symbol\$1) with (subband\$1 or sub band\$1) with (vector\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S49	148	(steer\$3 or beamform\$3 or spatial\$5) with (symbol\$1) with (subband\$1 or sub band\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S50	22691	(370/203,208,209,295,307,310,329,335,342,343,431,464,478-480,491,536-537). CLS.	US-PGPUB; USPAT	OR	OFF	2011/02/03 17:47
S51	137	subband same vector same (pilot or train\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S52	25	S51 and S50	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47

S53	22691	(370/203,208,209,295,307,310,329,335,342,343,431,464,478-480,491,536-537). CLS.	US-PGPUB; USPAT	OR	OFF 17:47	2011/02/03
S54	196	(steer\$3 or beamform\$3 or spatial\$5) near2 (vector\$1) with (subband\$1 or sub-band\$1 or subchannel\$1 or sub-channel\$1 or subcarrier\$1 or sub-carrier\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S55	24	S53 and S54	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S56	109081	(vector or steer\$3 or beam\$7 or direction\$5) with (subband or band)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S57	97	S56 same (pilot or train\$3) and S53	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S58	8	(steer\$3 or beamform\$3 or spatial\$5) near2 (vector\$1) with (pilot\$1) with (data\$1) with (subband\$1 or sub-band\$1 or subchannel\$1 or sub-channel\$1 or subcarrier\$1 or sub-carrier\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S59	2803	(symbol same (pilot or training) same (band or subband))	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S60	585	S59 and MIMO	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S61	86	S60 and (steer\$3 near5 vector)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S62	86	S61 and S60	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03
S63	432	MIMO.u/c. and (subband\$1 or sub band\$1 or subchannel\$1 or sub channel\$1) same (symbol\$1 or code\$1) same (demultiplex\$3 or separat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON 17:47	2011/02/03

S64	211	MIMO.u/c. and (transmi\$5) same (subband\$1 or sub band\$1 or subchannel\$1 or sub channel\$1) same (symbol\$1 or code\$1) with (demultiplex\$3 or separat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S65	40	MIMO.u/c. and (transmi\$5) same (subband\$1 or sub band\$1 or subchannel\$1 or sub channel\$1) same (symbol\$1 or code\$1) with (demultiplex\$3 or separat\$3) with (packet\$1 or data\$1) same (pilot or train\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S66	24	MIMO.u/c. and (transmi\$5) same (subband\$1 or sub band\$1 or subchannel\$1 or sub channel\$1) same (symbol\$1 or code\$1) with (demultiplex\$3 or separat\$3) with (packet\$1 or data\$1) with (pilot or train\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S67	41	MIMO.u/c. and (transmi\$5) same (subband\$1 or sub band\$1 or subchannel\$1 or sub channel\$1) same (symbol\$1 or code\$1) same (demultiplex\$3 or separat\$3) same (packet\$1 or data\$1) same (pilot or train\$3) not qualcomm.as.	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S68	1	MIMO.u/c. and (transmi\$5) same (subband\$1 or sub band\$1 or subchannel\$1 or sub channel\$1) same (symbol\$1 or code\$1) same (demultiplex\$3 or separat\$3) same (packet\$1 or data\$1) same (pilot or train\$3) and qualcomm.as. and @pd<"20030218"	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S69	1648	(steer\$3 near3 vector)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S70	1104	(steer\$3 adj2 vector\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S71	1007	(steer\$3 adj2 vector\$1) not qualcomm.as.	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S72	280	(steer\$3 adj2 vector\$1) same (spatial\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S73	43	S72 and S63	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47

S74	125	(steer\$3 adj2 vector\$1) same (spatial\$1) and MIMO.u/c. and OFDM.u/c.	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S75	184	(steer\$3 adj2 vector\$1) and MIMO.u/c. and OFDM.u/c.	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S76	43	(steer\$3 adj2 vector\$1) and MIMO.u/c. and OFDM.u/c. and (@pd<"20040218" or ((@ad<"20040218" or @prad<"20040218" or @lad<"20040218")) not qualcomm.as.)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S77	23	MIMO.u/c. and (transmi\$5) same (subband\$1 or sub band\$1 or subchannel\$1 or sub channel\$1) same (demultiplex\$3) with (pilot or train\$3) with (data\$1) with (symbol\$1 or code\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S78	61	MIMO.u/c. and (transmi\$5) same (demultiplex\$3) with (pilot or train\$3) with (data\$1) with (symbol\$1 or code\$1) not qualcomm.as.	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2011/02/03 17:47
S79	16	("20020193146" "20030123567" "20050026570" "5581583" "5668837" "6144711" "6218985" "6298035" "6496535" "6642888" "7065156" "7385617" "7394754" "7529177" "7583747" "7593317").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	ADJ	OFF	2011/02/03 18:00

3/25/2011 4:11:13 PM

C:\Documents and Settings\calia\My Documents\EAST\Workspaces\10781951.wsp